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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/099,895

DATE: 08/09/2002 p.b
TIME: 14:44:49

Input Set : A:\Sequence Listing (ASCII copy).txt
Output Set: N:\CRF4\08092002\J099895.raw

3 <110> APPLICANT: BERNDT, Michael C
4 STOMSKI, Frank C
5 LOPEZ, Angel F
6 GUTHRIDGE, Mark A
8 <120> TITLE OF INVENTION: A BINDING MOTIF OF A RECEPTOR
10 <130> FILE REFERENCE: 3991/0K379
12 <140> CURRENT APPLICATION NUMBER: US 10/099,895
13 <141> CURRENT FILING DATE: 2002-03-14
15 <150> PRIOR APPLICATION NUMBER: PCT/AU00/01118
16 <151> PRIOR FILING DATE: 2000-09-15
18 <160> NUMBER OF SEQ ID NOS: 47
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 897
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Met Val Leu Ala Gln Gly Leu Leu Ser Met Ala Leu Leu Ala Leu Cys
30 1 5 10 15
33 Trp Glu Arg Ser Leu Ala Gly Ala Glu Thr Ile Pro Leu Gln Thr
34 20 25 30
37 Leu Arg Cys Tyr Asn Asp Tyr Thr Ser His Ile Thr Cys Arg Trp Ala
38 35 40 45
41 Asp Thr Gln Asp Ala Gln Arg Leu Val Asn Val Thr Leu Ile Arg Arg
42 50 55 60
45 Val Asn Glu Asp Leu Leu Glu Pro Val Ser Cys Asp Leu Ser Asp Asp
46 65 70 75 80
49 Met Pro Trp Ser Ala Cys Pro His Pro Arg Cys Val Pro Arg Arg Cys
50 85 90 95
53 Val Ile Pro Cys Gln Ser Phe Val Val Thr Asp Val Asp Tyr Phe Ser
54 100 105 110
57 Phe Gln Pro Asp Arg Pro Leu Gly Thr Arg Leu Thr Val Thr Leu Thr
58 115 120 125
61 Gln His Val Gln Pro Pro Glu Pro Arg Asp Leu Gln Ile Ser Thr Asp
62 130 135 140
65 Gln Asp His Phe Leu Leu Thr Trp Ser Val Ala Leu Gly Ser Pro Gln
66 145 150 155 160
69 Ser His Trp Leu Ser Pro Gly Asp Leu Glu Phe Glu Val Val Tyr Lys
70 165 170 175
73 Arg Leu Gln Asp Ser Trp Glu Asp Ala Ala Ile Leu Leu Ser Asn Thr
74 180 185 190
77 Ser Gln Ala Thr Leu Gly Pro Glu His Leu Met Pro Ser Thr Tyr
78 195 200 205

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81 Val Ala Arg Val Arg Thr Arg Leu Ala Pro Gly Ser Arg Leu Ser Gly
82 210 215 220
85 Arg Pro Ser Lys Trp Ser Pro Glu Val Cys Trp Asp Ser Gln Pro Gly
86 225 230 235 240
89 Asp Glu Ala Gln Pro Gln Asn Leu Glu Cys Phe Phe Asp Gly Ala Ala
90 245 250 255
93 Val Leu Ser Cys Ser Trp Glu Val Arg Lys Glu Val Ala Ser Ser Val
94 260 265 270
97 Ser Phe Gly Leu Phe Tyr Lys Pro Ser Pro Asp Ala Gly Glu Glu Glu
98 275 280 285
101 Cys Ser Pro Val Leu Arg Glu Gly Leu Gly Ser Leu His Thr Arg His
102 290 295 300
105 His Cys Gln Ile Pro Val Pro Asp Pro Ala Thr His Gly Gln Tyr Ile
106 305 310 315 320
109 Val Ser Val Gln Pro Arg Arg Ala Glu Lys His Ile Lys Ser Ser Val
110 325 330 335
113 Asn Ile Gln Met Ala Pro Pro Ser Leu Asn Val Thr Lys Asp Gly Asp
114 340 345 350
117 Ser Tyr Ser Leu Arg Trp Glu Thr Met Lys Met Arg Tyr Glu His Ile
118 355 360 365
121 Asp His Thr Phe Glu Ile Gln Tyr Arg Lys Asp Thr Ala Thr Trp Lys
122 370 375 380
125 Asp Ser Lys Thr Glu Thr Leu Gln Asn Ala His Ser Met Ala Leu Pro
126 385 390 395 400
129 Ala Leu Glu Pro Ser Thr Arg Tyr Trp Ala Arg Val Arg Val Arg Thr
130 405 410 415
133 Ser Arg Thr Gly Tyr Asn Gly Ile Trp Ser Glu Trp Ser Glu Ala Arg
134 420 425 430
137 Ser Trp Asp Thr Glu Ser Val Leu Pro Met Trp Val Leu Ala Leu Ile
138 435 440 445
141 Val Ile Phe Leu Thr Ile Ala Val Leu Leu Ala Leu Arg Phe Cys Gly
142 450 455 460
145 Ile Tyr Gly Tyr Arg Leu Arg Arg Lys Trp Glu Glu Lys Ile Pro Asn
146 465 470 475 480
149 Pro Ser Lys Ser His Leu Phe Gln Asn Gly Ser Ala Glu Leu Trp Pro
150 485 490 495
153 Pro Gly Ser Met Ser Ala Phe Thr Ser Gly Ser Pro Pro His Gln Gly
154 500 505 510
157 Pro Trp Gly Ser Arg Phe Pro Glu Leu Glu Gly Val Phe Pro Val Gly
158 515 520 525
161 Phe Gly Asp Ser Glu Val Ser Pro Leu Thr Ile Glu Asp Pro Lys His
162 530 535 540
165 Val Cys Asp Pro Pro Ser Gly Pro Asp Thr Thr Pro Ala Ala Ser Asp
166 545 550 555 560
169 Leu Pro Thr Glu Gln Pro Pro Ser Pro Gln Pro Gly Pro Pro Ala Ala
170 565 570 575
173 Ser His Thr Pro Glu Lys Gln Ala Ser Ser Phe Asp Phe Asn Gly Pro
174 580 585 590
177 Tyr Leu Gly Pro Pro His Ser Arg Ser Leu Pro Asp Ile Leu Gly Gln

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```
178          595          600          605
181 Pro Glu Pro Pro Gln Glu Gly Gly Ser Gln Lys Ser Pro Pro Pro Gly
182          610          615          620
185 Ser Leu Glu Tyr Leu Cys Leu Pro Ala Gly Gly Gln Val Gln Leu Val
186 625          630          635          640
189 Pro Leu Ala Gln Ala Met Gly Pro Gly Gln Ala Val Glu Val Glu Arg
190          645          650          655
193 Arg Pro Ser Gln Gly Ala Ala Gly Ser Pro Ser Leu Glu Ser Gly Gly
194          660          665          670
197 Gly Pro Ala Pro Pro Ala Leu Gly Pro Arg Val Gly Gly Gln Asp Gln
198          675          680          685
201 Lys Asp Ser Pro Val Ala Ile Pro Met Ser Ser Gly Asp Thr Glu Asp
202          690          695          700
205 Pro Gly Val Ala Ser Gly Tyr Val Ser Ser Ala Asp Leu Val Phe Thr
206 705          710          715          720
209 Pro Asn Ser Gly Ala Ser Ser Val Ser Leu Val Pro Ser Leu Gly Leu
210          725          730          735
213 Pro Ser Asp Gln Thr Pro Ser Leu Cys Pro Gly Leu Ala Ser Gly Pro
214          740          745          750
217 Pro Gly Ala Pro Gly Pro Val Lys Ser Gly Phe Glu Gly Tyr Val Glu
218          755          760          765
221 Leu Pro Pro Ile Glu Gly Arg Ser Pro Arg Ser Pro Arg Asn Asn Pro
222          770          775          780
225 Val Pro Pro Glu Ala Lys Ser Pro Val Leu Asn Pro Gly Glu Arg Pro
226 785          790          795          800
229 Ala Asp Val Ser Pro Thr Ser Pro Gln Pro Glu Gly Leu Leu Val Leu
230          805          810          815
233 Gln Gln Val Gly Asp Tyr Cys Phe Leu Pro Gly Leu Gly Pro Gly Pro
234          820          825          830
237 Leu Ser Leu Arg Ser Lys Pro Ser Ser Pro Gly Pro Gly Pro Glu Ile
238          835          840          845
241 Lys Asn Leu Asp Gln Ala Phe Gln Val Lys Lys Pro Pro Gly Gln Ala
242          850          855          860
245 Val Pro Gln Val Pro Val Ile Gln Leu Phe Lys Ala Leu Lys Gln Gln
246 865          870          875          880
249 Asp Tyr Leu Ser Leu Pro Pro Trp Glu Val Asn Lys Pro Gly Glu Val
250          885          890          895
253 Cys
257 <210> SEQ ID NO: 2
258 <211> LENGTH: 3
259 <212> TYPE: PRT
260 <213> ORGANISM: Homo sapiens
262 <220> FEATURE:
263 <221> NAME/KEY: VARIANT
264 <222> LOCATION: (3)..(3)
265 <223> OTHER INFORMATION: alternative "T"
268 <220> FEATURE:
269 <221> NAME/KEY: MISC_FEATURE
270 <222> LOCATION: (2)..(2)
```

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Input Set : A:\Sequence Listing (ASCII copy).txt

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271 <223> OTHER INFORMATION: "X" is any amino acid
274 <400> SEQUENCE: 2
W--> 276 Ser Xaa Ser
277 1
280 <210> SEQ ID NO: 3
281 <211> LENGTH: 6
282 <212> TYPE: PRT
283 <213> ORGANISM: Homo sapiens
285 <220> FEATURE:
286 <221> NAME/KEY: MISC_FEATURE
287 <222> LOCATION: (3)..(3)
288 <223> OTHER INFORMATION: "X" is any amino acid
291 <220> FEATURE:
292 <221> NAME/KEY: MISC_FEATURE
293 <222> LOCATION: (5)..(5)
294 <223> OTHER INFORMATION: "X" is any amino acid
297 <220> FEATURE:
298 <221> NAME/KEY: VARIANT
299 <222> LOCATION: (4)..(4)
300 <223> OTHER INFORMATION: alternative T
303 <400> SEQUENCE: 3
W--> 305 Arg Ser Xaa Ser Xaa Pro
306 1 5
309 <210> SEQ ID NO: 4
310 <211> LENGTH: 6
311 <212> TYPE: PRT
312 <213> ORGANISM: Homo sapiens
314 <400> SEQUENCE: 4
316 His Ser Arg Ser Leu Pro
317 1 5
320 <210> SEQ ID NO: 5
321 <211> LENGTH: 5
322 <212> TYPE: PRT
323 <213> ORGANISM: Homo sapiens
325 <400> SEQUENCE: 5
327 Ser Ser Ser Arg Pro
328 1 5
331 <210> SEQ ID NO: 6
332 <211> LENGTH: 5
333 <212> TYPE: PRT
334 <213> ORGANISM: Homo sapiens
336 <400> SEQUENCE: 6
338 Ser Asn Ser Lys Pro
339 1 5
342 <210> SEQ ID NO: 7
343 <211> LENGTH: 5
344 <212> TYPE: PRT
345 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 7

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Input Set : A:\Sequence Listing (ASCII copy).txt

Output Set: N:\CRF4\08092002\J099895.raw

349 Ser Asp Ser Ser Pro
350 1 5
353 <210> SEQ ID NO: 8
354 <211> LENGTH: 5
355 <212> TYPE: PRT
356 <213> ORGANISM: Homo sapiens
358 <400> SEQUENCE: 8
360 Ser Ile Ser Ala Pro
361 1 5
364 <210> SEQ ID NO: 9
365 <211> LENGTH: 5
366 <212> TYPE: PRT
367 <213> ORGANISM: Homo sapiens
369 <400> SEQUENCE: 9
371 Ser Leu Ser Leu Pro
372 1 5
375 <210> SEQ ID NO: 10
376 <211> LENGTH: 5
377 <212> TYPE: PRT
378 <213> ORGANISM: Homo sapiens
380 <400> SEQUENCE: 10
382 Ser Ala Ser Thr Pro
383 1 5
386 <210> SEQ ID NO: 11
387 <211> LENGTH: 5
388 <212> TYPE: PRT
389 <213> ORGANISM: Homo sapiens
391 <400> SEQUENCE: 11
393 Ser Pro Ser Phe Pro
394 1 5
397 <210> SEQ ID NO: 12
398 <211> LENGTH: 5
399 <212> TYPE: PRT
400 <213> ORGANISM: Homo sapiens
402 <400> SEQUENCE: 12
404 Ser Asn Ser Gln Pro
405 1 5
408 <210> SEQ ID NO: 13
409 <211> LENGTH: 5
410 <212> TYPE: PRT
411 <213> ORGANISM: Homo sapiens
413 <400> SEQUENCE: 13
415 Ser Val Ser Ser Pro
416 1 5
419 <210> SEQ ID NO: 14
420 <211> LENGTH: 5
421 <212> TYPE: PRT
422 <213> ORGANISM: Homo sapiens
424 <400> SEQUENCE: 14

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/099,895

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Input Set : A:\Sequence Listing (ASCII copy).txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 2
Seq#:3; Xaa Pos. 3,5
Seq#:46; Xaa Pos. 2,3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/099,895

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Input Set : A:\S quence Listing (ASCII copy).txt

Output Set: N:\CRF4\08092002\J099895.raw

L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:1373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0